

24. A DNA fragment of HIV-1 having the sequence from the Bam HI site at approximately 8150 to the Bgl II site at approximately 8750.

25. A DNA fragment of HIV-1 having the sequence from the Kpn I site at approximately 6100 to the Bgl II site at approximately 6500.

26. A DNA fragment of HIV-1 having the sequence from the Kpn I site at approximately 6100 to the Bgl II site at approximately 8750.

27. A DNA fragment of HIV-1 having the sequence from the Kpn I site at approximately 6100 to the Bgl II site at approximately 9150.

28. A recombinant vector comprising a DNA fragment as claimed in any one of claims 23 through 27.

29. A host cell transformed with a vector as claimed in claim 28.--

REMARKS

Applicants respectfully request entry of this amendment, reexamination, and timely issuance of a Notice of Allowance. After entry of the above amendments, claims 23-29 will be pending.

Without in any way acquiescing to the rejections or comments in Paper No. 3 and solely to advance the prosecution of this case, applicants cancel claims 1, 2, 5-7, 9-12, and 15-17, without prejudice or disclaimer. Claims 23-29 have been added to the application. Support for these claims can be found throughout the disclosure as a whole and at, for example, page

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